



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

ABSTRACT OF THE REGISTRAR-GENERAL'S RETURN
OF THE
MARRIAGES IN ENGLAND AND WALES DURING THE SECOND QUARTER
(APRIL—JUNE), AND OF THE BIRTHS AND DEATHS DURING
THE THIRD QUARTER (JULY—SEPTEMBER), OF 1860.

THIS Return comprises the BIRTHS and DEATHS registered by 2,197 Registrars in all the districts of England during the Summer Quarter that ended on September 30th, 1860; and the MARRIAGES in 12,433 churches or chapels, about 4,307 registered places of worship unconnected with the Established Church, and 631 Superintendent Registrars' offices, in the quarter that ended on June 30th, 1860.

The Temperature during the past quarter has been unusually low, the sky cloudy, the earth often sunless, and the weather generally bad, in the language of meteorology; nevertheless, the progress of the phenomena which the returns record is satisfactory. The Mortality was much *below* the average, the Births little differed from it; the Marriages were increasing. Sanitary improvements have gone on, and the general result of the wet weather has been a better supply of water, the purification of the sewers, and the retardation of putrefaction, as well as of the zymotic changes which produce diarrhœa. Fruit has been comparatively abundant, and its consumption has also had a sanitary effect. Mr. Leigh, of Manchester, justly says, "the dependence of diarrhœa upon a high temperature seems to be most marked, for fruit has been unusually plentiful, and it has been eaten most freely without ill effect."

The ultimate results of the extraordinary season will be watched with interest as they are revealed in future returns.

MARRIAGES.—87,666 persons married in the three months ending in June last;

ENGLAND :—MARRIAGES, BIRTHS, and DEATHS, returned in the Years
1854-60, and in the QUARTERS of those Years.

Calendar YEARS, 1854-60 :—Numbers.

Years	'60.	'59.	'58.	'57.	'56.	'55.	'54.
Marriages No.	—	167,900	156,070	159,097	159,337	152,113	159,727
Births..... „	—	689,558	655,481	663,071	657,453	635,043	634,405
Deaths..... „	—	441,249	449,656	419,815	390,506	425,703	437,905

QUARTERS of each Calendar Year 1854-60.

(I.) MARRIAGES :—Numbers.

<i>Qrs. ended last day of</i>	'60.	'59.	'58.	'57.	'56.	'55.	'54.
MarchNo.	35,198	35,429	29,918	33,321	33,427	29,186	33,234
June „	43,833	42,045	39,890	41,267	38,820	38,549	40,518
Septmbr..... „	—	39,926	38,599	38,669	39,089	37,308	38,182
Decmbr. „	—	50,500	47,663	45,840	48,001	47,070	47,793

QUARTERS of each Calendar Year, 1854-60.

(II.) BIRTHS:—Numbers.

<i>Qrs. ended last day of</i>	'60.	'59.	'58.	'57.	'56.	'55.	'54.
MarchNo.	183,206	175,429	170,959	170,430	169,250	166,225	160,785
June „	173,914	175,727	169,115	170,444	173,263	165,277	172,457
Septmbr. „	164,062	168,311	157,445	161,181	157,462	154,700	154,724
Decmbr. „	—	170,091	157,962	161,016	157,478	148,841	146,439

(III.) DEATHS:—Numbers.

<i>Qrs. ended last day of</i>	'60.	'59.	'58.	'57.	'56.	'55.	'54.
MarchNo.	122,642	121,682	125,819	108,665	103,014	134,542	111,843
June „	110,878	105,778	107,142	100,046	100,099	106,493	102,586
Septmbr. „	86,423	104,339	98,142	100,528	91,155	87,646	113,843
Decmbr. „	—	109,450	118,553	110,576	96,238	97,022	109,633

and the rate of marriage was 1·762, exceeding the average by ·058. The marriages rose from 39,890 in the spring quarter of 1858 to 43,833 in the corresponding quarter of the present year. From this fact it may be inferred that the prospects of the Working classes have been growing brighter, and that their real condition has improved. The increase of marriages has been greatest in Cheshire and Lancashire, in London, and generally in the manufacturing districts; but an increase is observable in every division *except the Eastern Counties*.

BIRTHS.—164,062 children were born and registered in the ninety-two days of July, August, and September. The number is less than the number in the last year, but exceeds largely the numbers registered in the corresponding summer quarters of any previous year. The increase of births is most considerable in London, Lancashire, Cheshire, and Yorkshire. The birth-rate of the quarter was 3·250; the average of the season being 3·278.

ENGLAND:—*Annual Rate Per Cent. of PERSONS MARRIED, BIRTHS, and DEATHS, during the YEARS 1854-60, and the QUARTERS of those Years.*

Calendar YEARS, 1854-60:—General Percentage Results.

YEARS	'60.	Mean '50-'59.	'59.	'58.	'57.	'56.	'55.	'54.
Estmtd. Popln. of England in thousands in middle of Year.....	19,994,	—	19,745,	19,523,	19,305,	19,045,	18,787,	18,619,
Persons Married Per ct. }	—	1·692	1·700	1·598	1·648	1·674	1·620	1·716
Births „	—	3·404	3·492	3·357	3·435	3·452	3·380	3·407
Deaths „	—	2·218	2·235	2·303	2·175	2·050	2·266	2·352

QUARTERS of each Calendar Year, 1854-60.

(I.) PERSONS MARRIED :—Percentages.

<i>Qrs. ended last day of</i>	'60.	Mean '50-'59.	'59.	'58.	'57.	'56.	'55.	'54.
March....Per ct.	1·420	1·416	1·462	1·248	1·408	1·416	1·266	1·456
June..... „	1·762	1·704	1·712	1·642	1·714	1·638	1·648	1·750
Septmbr. „	—	1·630	1·602	1·566	1·592	1·626	1·574	1·626
Decmbr. „	—	2·000	2·020	1·930	1·876	1·990	1·978	2·030

(II.) BIRTHS :—Percentages.

<i>Qrs. ended last day of</i>	'60.	Mean '50-'59.	'59.	'58.	'57.	'56.	'55.	'54.
March....Per ct.	3·693	3·554	3·621	3·567	3·600	3·585	3·603	3·520
June „	3·495	3·558	3·577	3·480	3·548	3·656	3·534	3·722
Septmbr. „	3·250	3·278	3·377	3·195	3·308	3·275	3·261	3·294
Decmbr. „	—	3·232	3·402	3·198	3·295	3·264	3·128	3·111

(III.) DEATHS :—Percentages.

<i>Qrs. ended last day of</i>	'60.	Mean '50-'59.	'59.	'58.	'57.	'56.	'55.	'54.
March....Per ct.	2·472	2·460	2·512	2·625	2·295	2·182	2·916	2·449
June „	2·228	2·195	2·153	2·205	2·083	2·112	2·277	2·214
Septmbr. „	1·712	2·042	2·093	1·992	2·063	1·896	1·848	2·423
Decmbr. „	—	2·182	2·189	2·400	2·263	1·995	2·039	2·329

INCREASE OF POPULATION.—The excess of births over the deaths in the quarter was 77,639 ; so the natural increase of the population of England and Wales was at the rate of 844 daily ; and if the rest of the population increased equally fast the natural increase of the United Kingdom must have been at the rate of 1,266 daily. *The increase exceeds any on record.*

About 10,874 *Emigrants* of English origin sailed from the ports of the United Kingdom at which there are Government emigration agents ; 5,134 to the United States, 336 to the North American colonies, 4,115 to the Australian colonies, and 1,289 to other parts. 33,734 emigrants sailed from these ports, of whom about 1,433 were of foreign origin. Half of the Scotch and only about one-eighth of the Irish go to the Australian colonies.*

* From a Return with which the Registrar-General has been favoured by the Emigration Commissioners : the number returned as of English origin was 8,360, while the birthplace of 7,799 emigrants was not distinguished ; in the above statement a proportional number of these have been added to those returned as of English origin.

PRICES, THE WEATHER, AND PAUPERISM.—The Prices of Provisions have been high during the thirteen weeks. Taking the corresponding weeks of 1859 as the starting point, the price of wheat rose 34 per cent., beef 7 per cent., mutton 11 per cent., potatoes 59 per cent. The average prices during the thirteen weeks were: wheat 59s. 1d. a quarter, beef 5½d., mutton 6½d. a pound by the carcase in the Leadenhall and Newgate markets; York Regent potatoes 135s. a ton at Waterside Market, Southwark. The prices of the lower qualities of beef were stationary

CONSOLS, PROVISIONS, PAUPERISM, and TEMPERATURE, in each of the nine Summer QUARTERS ended 30th September, 1860.

1	2	3		4		5	6	7		8	9
Quarters ending	Average Price of Consols (for Money).	Average Price of Wheat per Quarter in England and Wales.	Average Prices of Meat per lb. at Leadenhall and Newgate Markets (by the Carcase), with the <i>Mean</i> Prices.		Average Prices of Potatoes (York Regents) per Ton at Waterside Market, Southwark.	Pauperism.		Mean Tem- pera- ture.			
			Beef.	Mutton.		Quarterly Average of the Number of Paupers relieved on the <i>last day</i> of each week.					
						In-door.	Out-door.				
1858	£	s. d.	d. d. d.	d. d. d.	s. s. s.						
30 Sept.	96½	44 7	4¼—6¼ 5¼	4½—6½ 5½	65—90 77	107,197	705,301	61·0			
31 Dec.	98¼	41 9	4—6½ 5¼	4¼—6¾ 5½	80—95 87	115,751	710,904	43·8			
1859											
31 Mar.	95⅝	40 8	4¾—6¾ 5¾	4¾—7 5½	80—100 90	122,854	742,964	43·3			
30 June	92⅞	47 3	4¾—6½ 5⅞	5—7 6	85—110 97	109,150	710,410	53·7			
30 Sept.	95⅞	44 0	4¼—6¼ 5¼	4¾—6¾ 5¾	65—105 85	100,582	682,867	62·8			
31 Dec.	96⅞	43 4	4—6½ 5¼	4¾—6¾ 5¾	85—120 102	109,429	683,962	43·3			
1860											
31 Mar.	94⅝	44 5	3¾—6½ 5⅞	4¾—6¾ 5¾	115—145 130	118,523	717,264	38·8			
30 June	94⅞	52 8	4¾—6¾ 5¾	5½—7½ 6½	125—160 142	107,050	692,384	50·5			
30 Sept.	93¼	59 1	4¼—7 5⅞	5¼—7½ 6⅞	125—145 135	101,680	667,680	56·2			

Col. 6 is deduced from the Weekly Tables published in the *Economist*. The average of the highest and of the lowest weekly prices is here shown in cols. 4, 5, and 6, and not the absolute highest or lowest price quoted at any period of the quarter.

Cols. 7 and 8 are deduced from the Returns of the Poor Law Board. The Returns now relate to 645 Unions, &c., comprising a population of 17,670,935 (in 1851), and do not include the paupers of parishes, &c., incorporated under Gilbert's Act, or still under the 43rd Elizabeth; Lunatic Paupers in Asylums and Vagrants relieved in the above Unions are also excluded. They amounted on January 1st, 1858, to—Insane Persons, 19,487; Vagrants, 2,265. The rest of the paupers on that day amounted to 880,280.

(4½d.), and the prices of the higher qualities rose from 6½d. to 7d. a pound. The prices of the lower and higher qualities of mutton rose ½d. and ¾d. in the pound in the twelvemonth, and were respectively 5½d. and 7½d. a pound during the thirteen weeks.

The mean *Temperature* of the thirteen weeks at Greenwich was 56°·2; which is less by 3°·3 than the mean temperature of the corresponding seasons of 89 preceding years. The temperatures of July, August, and September were all below the average to nearly an equal extent. There is no other instance on record of so low a mean temperature of the four months June, July, August, and September as 55°·9. By going back to 1771 Mr. Glaisher, however, finds a mean temperature of 56°·0. The fall of *Rain* in the three months was 9·6 inches, which is 2·1 inches in excess of the average. The fall of rain has been 25·1 inches at Greenwich during 9 months, and has varied at the several stations from 16·8 inches at Scarborough to 42·6 inches at Lampeter in Cardiganshire. The excess of rain at Greenwich in the nine months is 6·0 inches. Upon this subject and others Mr. Glaisher in his valuable report gives some interesting details; and among them may be mentioned the time at which the crops as well as some fruits ripened. According to his reports the *Potato disease* is not so bad in the south as it is in the north of England.

Pauperism is declining; on an average 769,360 were in the receipt of relief, while the number in the corresponding weeks of the previous year was 783,449.

STATE OF THE PUBLIC HEALTH.—86,423 *deaths* were registered in the three months ending in September, or less by 17,916 than the deaths (104,339) registered in the corresponding quarter of last year. To every *six* deaths in the last there were only *five* in the present summer. The rate of mortality was 17; whereas the average of the season is 20 per 1,000.

The *reduction of the mortality* is observable in the town and in the country districts; but it is by far from the greatest in the *Town districts*. The average number of deaths in the town districts during the summers of 1850-9 was 52,861; whereas the deaths in the last summer were 45,495; in the *country* districts during the same periods the deaths were 43,697 and 40,928. The rate of mortality in the *Town* districts fell from 23·75 to 18·42 per 1,000; in the *Country* and small town districts from 17·59 to 15·87—or 5·33 degrees in the *Town* and 1·72 in the *Country* districts.

This is exceedingly gratifying; and if the supply of vegetables prove adequate through the year, it is not probable that the reaction will deprive the population of all its gains. The drainage of the banks of the Thames and of the other marshy districts of the country would secure the inhabitants from the attacks of neuralgia, rheumatism, ague, and fever, which often follow rainy seasons.

In LONDON the mortality was low; the prevailing diseases have been described in the Quarterly Summary of the Weekly Tables.

THE WEST MIDLAND COUNTIES generally experience a mortality above the average; but there are signs of improvement which cannot be entirely accounted for by the flooding of the sewers by the rains. The decrease in the mortality of Wolverhampton, Walsall, West Bromwich, and Dudley, where the water supply was imperfect, is enormous; and in nearly all of them certain sanitary arrangements have been introduced. The deaths in Birmingham and Aston during the last three summer quarters have been 1,854, 1,815, and 1,211: the mortality has fallen one-third part.

It is probable that the ordinary Water supply of a place is bad when its mortality is greatly reduced by heavy rains.

In the NORTH WESTERN COUNTIES 13,959 deaths were registered, the deaths in the previous quarter having been 15,509. The system of *middens* prevails in Lancashire, and the dirt is there not washed away by rain as it is in sewers; which may account for the circumstance that the reduction of the mortality is less in this county than it is elsewhere. The registrars of the West Derby district, a part of which is in the borough of Liverpool, call attention to the diminished rate of mortality. "Sanitary measures," one of them says, "under the Health Act

"have greatly improved this district." Scarlatina has been very prevalent in the Lancaster sub-district; it was fatal in 15 cases, and had it not been for the superior sanitary arrangements, the registrar believes "it would have been four times as fatal, for in an ill-drained group of twenty houses a quarter of a mile from the town, the disease was the cause of three deaths."

The deaths in Yorkshire were 9,806, or less by 1,177 than the deaths in the summer quarter of the previous year. There is no reduction in the high mortality of the *Leeds* or of the *Hunslet* districts: indeed, diarrhœa prevailed there, and the deaths were 1,481, or 170 more than in the summer quarter of the previous year. The causes of the high mortality deserve the careful attention of the intelligent authorities of that important town. Hull and Sculcoates experienced a great reduction of mortality.

DEATHS in the Summer Quarters, ended September 30th, 1853-60.—Numbers.

DEATHS, &c.	1860.	Total 1860-59, (10 Years.)	1859.	1858.	1857.	1856.	1855.	1854.	1853.
In 125 Districts and 23 Sub-districts, comprising the <i>Chief Towns</i>	45,495	528,614	55,641	53,706	55,718	49,975	46,654	67,555	50,153
In the remaining Districts and Sub-Districts of England and Wales, comprising chiefly Small Towns and <i>Country Parishes</i> ...	40,928	436,970	48,698	44,436	44,810	41,180	40,992	46,288	42,048
All England	86,423	965,584	104,339	98,142	100,528	91,155	87,646	113,843	92,201

AREA, POPULATION, DEATHS, and MORTALITY per Cent. in the Summer Quarters, ended September 30th, 1850-60.

GROUPS.	Area in Statute Acres. (England.)	Population Enumerated. (England.)		Deaths in 10 Summer Quarters, 1850-59.	Average Annual Rate of Mortality per Cent. of 10 Summer Quarters, 1850-59.	Annual Rate of Mortality per Cent. in the Summer Quarter 1860.
		June 6-7th, 1841.	March 31st, 1851.			
In 125 Districts, and 23 Sub-Districts, comprising the <i>Chief Towns</i>	No. 2,149,800	No. 6,838,069	No. 8,247,017	No. 528,614	Per ct. 2·375	Per ct. 1·842
In the remaining Districts and Sub-districts of England and Wales, comprising chiefly <i>Small Towns and Country Parishes</i>	35,175,115	9,076,079	9,680,592	436,907	1·759	1·587
All England	37,324,915	15,914,148	17,927,609	965,584	2·042	1·712

The *Weather* of this quarter may be looked at as an experiment on the health of the people. Employment has been easily obtained by workmen, but the prices of provisions have been high. And this general survey seems to establish the fact, that the salubrity of the season is chiefly due to two circumstances; the reduced temperature of summer, and the abundant supply of water by rain. The low

temperature retarded the putrefaction of the town impurities; and the water washed them away; so both the forces acting in the same direction, gave a great result. A careful study of the circumstances of each locality by which the result was produced, cannot fail to be instructive; and to confirm the faith of the authorities in the simple sanitary elements with which nature works.

If Wolverhampton is, as the Registrar conjectures, extraordinarily healthy, "because the frequent rains have swilled away the impurities from which in hot summer weather noxious effluvia arise, thereby preventing the sickness, and diarrhoea more especially, caused by such vapors in the air, and impurities in the water supply," why should Wolverhampton ever be again as unhealthy and as dangerous to its inhabitants as it was before? It is true the town has no command over the rain; but it has unquestionably the power to wash away the impurities from its cesspools and its sewers. Its engineers can supply the town with sweet waters in abundance for the use of the inhabitants. If the Birmingham and Aston district too lose only 1,244 inhabitants by death when the town is well washed, why should they ever die again at the rate of last summer when 1,815 of the people perished?

The remedy is too simple to obtain immediately all the attention it deserves from the municipal authorities. But they cannot do better than imitate the great oriental dignity suffering from leprosy, as our towns are now suffering from other diseases, who although he was wroth when told to "wash and be clean," yet finally obeyed the injunction, and was healed.

MARRIAGES Registered in Quarters ended 30th June, 1853-60; and
BIRTHS and DEATHS in Quarters ended 30th September, 1858-60.

1 DIVISIONS. (England and Wales.)	2 AREA in Statute Acres.	3 POPULATION, 1851. (Persons.)	4 5 6 MARRIAGES in Quarters ended 30th June.		
			'60.	'59.	'58.
ENGLD. & WALES....Totals	No.	No.	No.	No.	No.
	37,324,915	17,927,609	43,833	42,045	39,890
I. London	78,029	2,362,236	7,353	7,034	6,782
II. South Eastern	4,065,935	1,628,416	3,438	3,142	3,042
III. South Midland	3,201,290	1,234,332	2,154	1,980	2,014
IV. Eastern	3,214,099	1,113,982	1,725	1,731	1,759
V. South Western	4,993,660	1,803,261	3,803	3,616	3,675
VI. West Midland	3,865,332	2,136,573	5,342	5,358	4,874
VII. North Midland	3,540,797	1,215,501	2,906	3,004	2,639
VIII. North Western	2,000,227	2,488,438	7,348	6,719	6,151
IX. Yorkshire	3,654,636	1,789,047	4,537	4,215	4,012
X. Northern	3,492,322	969,126	2,499	2,428	2,392
XI. Monmthsh. & Wales	5,218,588	1,186,697	2,728	2,818	2,550

7 DIVISIONS. (England and Wales.)	8 9 10 BIRTHS in Quarters ended 30th September.			11 12 13 DEATHS in Quarters ended 30th September.		
	'60.	'59.	'58.	'60.	'59.	'58.
ENGLD. & WALES....Totals	No.	No.	No.	No.	No.	No.
	164,062	168,311	157,445	86,423	104,339	98,142
I. London	22,342	22,413	20,917	12,916	16,254	14,553
II. South Eastern	13,448	13,986	13,044	6,934	9,152	8,134
III. South Midland	10,115	10,797	9,700	5,358	6,664	5,738
IV. Eastern	8,511	9,274	8,404	4,565	6,153	5,317
V. South Western	13,482	13,800	13,510	7,071	8,486	7,670
VI. West Midland	20,777	20,775	20,377	9,675	12,675	11,355
VII. North Midland	10,777	11,002	10,201	5,454	6,467	6,483
VIII. North Western	25,708	25,986	23,865	13,959	15,509	16,566
IX. Yorkshire	17,723	18,315	16,941	9,806	10,983	10,535
X. Northern	10,509	10,825	10,058	5,185	5,871	5,869
XI. Monmthsh. & Wales	10,670	11,138	10,428	5,500	6,125	5,722

REMARKS ON THE WEATHER,

DURING THE QUARTER ENDING SEPTEMBER 30TH, 1860.

By JAMES GLAISHER, ESQ., F.R.S., &c., Sec. of the British Meteorological Society.

The weather during the past Quarter has been very remarkable for continued low temperature, frequent rain, large amount of cloud, little sunshine, and bad weather generally.

The temperature within the three months reached its average on 9 days only, and fell short on 83 days; the mean excess on the 9 days was less than $\frac{3}{4}^{\circ}$; whilst the average daily deficiency for the 83 days exceeded 4° .

The mean high day temperature in July was $4^{\circ}8$; in August $5^{\circ}9$; and in September $4^{\circ}3$ below their averages; whilst in June it was as large as $6^{\circ}5$. The average deficiency of high day temperature for the four months ending September, was $5\frac{1}{4}^{\circ}$. This large deficiency for these months is, I believe, unprecedented.

The following table shows the average temperature at Greenwich of these three and four months respectively in every year since 1771:—

MEAN TEMPERATURE of JULY, AUGUST, SEPTEMBER, and of Four Months ending SEPTEMBER, at GREENWICH, from 1771 to 1860.

Year.	Mean Temperature.		Year.	Mean Temperature.		Year.	Mean Temperature.		Year.	Mean Temperature.	
	July, Aug., Sept.	June, July, Aug., Sept.		July, Aug., Sept.	June, July, Aug., Sept.		July, Aug., Sept.	June, July, Aug., Sept.		July, Aug., Sept.	June, July, Aug., Sept.
1771	56.6	56.0	1794	59.5	59.0	1817	56.2	56.9	1839	58.2	58.4
1772	58.2	58.5	1795	60.2	58.6	1818	63.5	63.4	1840	58.1	58.4
1773	57.7	57.2	1796	59.2	58.4	1819	61.2	60.0			
1774	58.9	59.8	1797	59.0	57.9	1820	57.5	57.1	1841	58.8	58.2
1775	60.7	61.2	1798	59.7	60.1				1842	60.7	61.2
1776	59.3	59.2	1799	57.2	56.8	1821	59.7	58.3	1843	60.8	59.7
1777	60.3	59.3	1800	61.6	60.0	1822	59.9	60.6	1844	58.7	59.2
1778	61.3	61.3				1823	58.1	57.4	1845	56.9	57.9
1779	63.2	61.9	1801	60.6	60.0	1824	60.1	58.8	1846	62.6	63.3
1780	62.7	61.8	1802	59.4	59.0	1825	62.3	61.5	1847	60.6	60.0
			1803	59.3	58.5	1826	61.8	62.1	1848	58.6	58.6
1781	61.7	61.9	1804	59.8	60.2	1827	59.8	59.3	1849	61.3	60.4
1782	57.1	57.3	1805	60.0	58.7	1828	59.5	59.6	1850	59.6	59.9
1783	60.3	59.9	1806	59.9	59.9	1829	57.0	57.5			
1784	57.7	57.3	1807	60.1	59.5	1830	58.2	57.5	1851	59.8	59.6
1785	58.8	59.0	1808	61.2	60.4				1852	61.8	60.4
1786	56.4	57.2	1809	58.2	58.0	1831	61.3	60.9	1853	58.5	58.5
1787	59.0	58.7	1810	60.3	59.8	1832	59.6	59.5	1854	59.8	58.8
1788	58.8	58.8				1833	57.4	58.0	1855	60.4	59.6
1789	57.9	57.1	1811	59.1	58.8	1834	61.6	61.5	1856	60.0	59.6
1790	57.6	57.4	1812	56.8	56.1	1835	61.6	61.2	1857	63.3	63.0
			1813	57.2	56.8	1836	58.4	58.6	1858	61.0	62.0
1791	59.2	58.8	1814	58.2	57.0	1837	58.8	58.6	1859	62.8	62.4
1792	58.7	57.7	1815	60.9	60.2	1838	58.2	57.9	1860	56.2	55.9
1793	58.9	58.0	1816	57.1	56.1						

The mean low night temperature in July was $3^{\circ}2$; in August $1^{\circ}7$; and in September $3^{\circ}3$ below their averages.

In the four months ending September, both days and nights have been remarkably cold, and almost always below their averages.

The mean temperature of July was $4^{\circ}3$; in August $3^{\circ}8$; and in September $3^{\circ}7$ in defect, as compared with their respective averages from the preceding 19 years. As compared with the year 1859, July was $10^{\circ}5$; August $5^{\circ}8$; and September $3^{\circ}3$ colder.

The Mean Temperature of the three months ending September was $56^{\circ}2$; and once only, viz., in 1817 has the mean temperature of the same months been so low since the year 1771.

The mean temperature of the four months ending September is still more remarkable; its value was $55^{\circ}9$, and there is no other instance, as far as trustworthy record extend, of a temperature of so low a value for these four important months.

The temperature of August differed but little from that of July at all stations south of the latitude 53° ; north of this parallel August was colder than July, gradually increasing to 3° and 4° at extreme northern stations. September was from 3° to 4° colder than August at all stations.

The mean pressure of the atmosphere in July was a little above, in August much below, and in September below their respective averages. The pressure in August was less than in any August in the preceding 20 years.

The pressure was less in August than in July at extreme southern stations by 0.25 in., increasing gradually to 0.40 in. at northern stations. It was greater in September than in August by 0.15 in., at southern stations gradually increasing to 0.33 in. at extreme northern stations.

The temperature of the dew-point was below its average, in July and August, to the amount of $1^{\circ}6$, and in September to $0^{\circ}09$.

The fall of Rain in July was 2.8 in.; in August 3.7 in.; and in September 3.1 in.; amounting in the three months to 9.6 in., and being 2.1 in. in excess. The fall of rain from 1st January is 25.1 in., being 6.9 in. in excess.

The following table shows the fall of Rain at Greenwich in the nine months ending September, from the year 1815:—

FALL of RAIN at GREENWICH, in the Nine Months ending SEPTEMBER, from 1815 to 1860.

Years.	Amount of Rain in the first Nine Months of each Year	Years.	Amount of Rain in the first Nine Months of each Year	Years.	Amount of Rain in the first Nine Months of each Year	Years.	Amount of Rain in the first Nine Months of each Year	Years.	Amount of Rain in the first Nine Months of each Year	Years.	Amount of Rain in the first Nine Months of each Year
	Inches.		Inches.		Inches.		Inches.		Inches.		Inches.
1815	16.1	1823	18.1	1831	21.1	1839	20.9	1847	11.8	1854	13.3
1816	21.2	1824	25.4	1832	14.0	1840	13.3	1848	22.9	1855	13.7
1817	20.6	1825	15.2	1833	14.6	1841	21.2	1849	17.3	1856	18.3
1818	19.5	1826	16.9	1834	16.8	1842	16.3	1850	14.5	1857	15.4
1819	22.0	1827	15.6	1835	18.1	1843	17.6	1851	18.6	1858	14.2
1820	21.0	1828	26.5	1836	18.7	1844	16.2	1852	22.2	1859	17.2
1821	22.0	1829	21.8	1837	15.4	1845	16.6	1853	22.5	1860	25.1
1822	17.1	1830	21.8	1838	16.8	1846	17.6				

From the foregoing table it will be seen that the fall of rain up to this time has been larger than any since the year 1828.

The mean temperature of the air at Greenwich for the three months ending August, constituting the three summer months, was 56°·7, being 3°·4 below the average of the preceding 89 years.

1860. Months.		Temperature of										Elastic Force of Vapour.		Weight of Vapour in a Cubic Foot of Air.	
		Air.			Evaporation.		Dew Point.		Air— Daily Range.		Water of the Thames				
		Mean.	Diff. from Average of 89 Years.	Diff. from Average of 19 Years.	Mean.	Diff. from Average of 19 Years.	Mean.	Diff. from Average of 19 Years.	Mean.	Diff. from Average of 19 Years.		Mean.	Diff. from Average of 19 Years.	Mean.	Diff. from Average of 19 Years.
July	57·6	-3·8	-4·3	54·8	-2·9	52·3	-1·6	19·1	-1·6	62·6	In. ·393	In. -025	Gr. 4·4	Gr. -0·2	
Aug.	57·7	-3·0	-3·8	55·0	-2·6	52·5	-1·6	15·4	-4·2	60·9	·396	·027	4·4	-0·3	
Sept.	53·4	-3·0	-3·7	51·8	-2·2	50·2	-0·9	17·6	-1·0	58·4	·364	·019	4·1	-0·1	
Mean.....	56·2	-3·3	-3·9	53·9	-2·6	51·7	-1·4	17·4	-2·3	60·6	·384	·024	4·3	-0·2	

1860. Months.		Degree of Humidity.		Reading of Barometer.		Weight of a Cubic Foot of Air.		Rain.		Daily Horizontal Move- ment of the Air.	Reading of Thermometer on Grass.					
		Mean.	Diff. from Average of 19 Years.	Mean.	Diff. from Average of 19 Years.	Mean.	Diff. from Average of 19 Years.	Amtt.	Diff. from Average of 45 Years.		Number of Nights it was				Low- est Read- ing at Night.	High- est Read- ing at Night.
											At or below 30°.	Be- tween 30° and 40°.	Above 40°.			
July	83	+ 7	In. 29·845	+043	Gr. 534	+ 7	In. 2·8	+0·1	Miles. 172	0	9	22	32·0	51·7		
Aug.	83	+ 6	In. 29·556	-244	528	0	3·7	+1·3	—	0	6	25	37·0	55·0		
Sept.	88	+ 7	In. 29·761	-071	537	+ 3	3·1	+0·7	200	1	16	13	28·0	53·0		
Mean.....	85	+ 7	In. 29·721	-091	533	+ 3	Sum 9·6	Sum +2·1	Mean —	Sum 1	Sum 31	Sum 60	Lowest 28·0	Highest 55·0		

Note.—In reading this table it will be borne in mind that the sign (—) minus signifies below the average, and that the sign (+) plus signifies above the average.

Wheat was in flower at some places on the 1st July, and not until the latter end of the month at others; *it was cut* on 6th August at a few places, but some was uncut at the end of the quarter; it has ripened very irregularly all over the country.

Barley was cut at the beginning of August in Cornwall, and not until the 17th of September at Alnwick.

Oats were cut about the latter end of August in the south, and not until the latter end of September in the north; a great deal being still uncut at the beginning of October.

Apples were ripe on 15th September at Nottingham, and on the 20th at North Shields.

The Season has been very backward, owing to the cold and wet spring and summer. In some places the grass was left unmown until about the middle of September. Barley and oats promise good crops, and wheat is on the whole a better crop than was expected. The *Potato disease* is not so bad in the south as in the north.

ENGLAND.—Meteorological Table, Quarter ended 30th September, 1860.

1	2	3	4	5	6	7	8	9
NAMES OF STATIONS.	Mean Pressure of Dry Air reduced to the Level of the Sea.	Highest Reading of the Thermo- meter.	Lowest Reading of the Thermo- meter.	Range of Tem- perature in the Quarter.	Mean Monthly Range of Tem- perature.	Mean Daily Range of Tem- perature.	Mean Tem- perature of the Air.	Mean Degree of Hu- midity.
	in.	°	°	°	°	°	°	
Guernsey	29·543	68·0	47·0	21·0	16·6	7·6	56·1	87
Exeter	29·537	78·9	39·6	39·3	27·2	14·5	56·8	79
Ventnor	29·519	70·0	41·0	29·0	27·3	8·4	57·6	82
Barnstaple	29·547	76·5	38·0	38·5	29·6	14·0	57·1	79
Royal Observatory	29·504	75·0	35·7	39·3	30·9	17·4	56·2	84
Royston	29·498	78·0	33·4	44·6	35·5	18·2	55·0	86
Lampeter	29·516	78·0	39·4	38·6	38·4	16·6	54·7	93
Norwich	29·491	75·0	34·0	41·0	27·8	14·5	55·6	86
Belvoir Castle	29·527	77·0	33·0	44·0	37·4	17·5	54·4	93
Liverpool	29·520	74·1	41·2	32·9	21·8	9·8	56·2	76
Wakefield	29·499	77·2	39·0	38·2	36·9	18·4	55·4	75
Leeds	29·494	78·0	33·0	45·0	32·0	15·1	55·9	76
Stonyhurst	29·444	75·0	34·7	41·3	36·5	18·8	53·7	83
Scarborough	29·517	69·7	40·0	29·7	20·7	7·9	53·2	87
Carlisle	29·462	76·8	31·8	45·0	35·0	16·2	54·8	83
North Shields	29·513	74·2	35·8	38·4	28·5	13·1	54·3	82

10	11	12	13	14	15	16	17	18
NAMES OF STATIONS.	WIND.					Mean Amount of Cloud.	RAIN.	
	Mean estimated Strength.	Relative Proportion of					Number of Days on which it fell.	Amount collected.
		N.	E.	S.	W.			
Guernsey	1·9	8	4	6	12	5·1	45	in. 11·5
Exeter	1·8	8	3	7	12	6·5	66	6·7
Ventnor	—	5	4	5	15	—	49	9·2
Barnstaple	1·4	6	6	7	10	4·4	49	15·0
Royal Observatory	—	6	3	8	13	8·0	52	9·6
Royston	—	8	4	6	12	7·3	67	8·2
Lampeter	1·1	6	2	8	13	6·7	54	16·0
Norwich	1·5	7	4	8	10	7·5	34	9·3
Belvoir Castle	1·8	6	2	8	14	6·7	45	10·7
Liverpool	1·2	—	—	—	—	7·8	46	9·2
Wakefield	1·5	5	4	7	13	6·8	56	9·9
Leeds	1·8	7	4	8	11	6·8	59	8·9
Stonyhurst	0·6	7	6	5	12	7·7	61	13·5
Scarborough	3·0	11	8	5	6	—	37	7·9
Carlisle	1·5	5	7	5	13	6·4	44	6·5
North Shields	1·6	10	5	6	8	6·9	49	8·0

Trade of United Kingdom, 1860-59-8.—*Distribution of Exports from, United Kingdom according to the Declared Real Value of the Exports; and the Computed Real Value (ex-duty of Imports at Port of Entry, and therefore including Freight and Importer's Profit.*

Merchandise (<i>excluding Gold and Silver</i>), Imported from, and Exported to, the following Foreign Countries, &c. (The unit 000's are omitted.)	First Six Months.					
	1860.		1859.		1858.	
	Imports from	Exports to	Imports from	Exports to	Imports from	Exports to
I.—FOREIGN COUNTRIES:	£	£	£	£	£	£
Northern Europe; viz., Russia, Sweden, Norway, Denmark & Iceland, & Heligoland	5,531,	1,990,	4,921,	2,267,	3,545,	1,561
Central Europe; viz., Prussia, Germany, the Hanse Towns, Holland, and Belgium	10,985,	10,079,	8,721,	8,498,	8,432,	8,559
Southern Europe; viz., France, Portugal (with Azores, Madeira, &c.), and Spain (with Gibraltar and Canaries)	11,510,	4,748,	11,681,	4,472,	8,695,	4,543
Southern Europe; viz., Italy, Austrian Empire, Greece, Ionian Islands, and Malta	2,122,	2,721,	1,863,	2,556,	1,458,	3,119
Levant; viz., Turkey, with Wallachia and Moldavia, Syria and Palestine, and Egypt	6,886,	3,769,	5,358,	3,671,	3,505,	3,270
Northern Africa; viz., Tripoli, Tunis, Algeria and Morocco	73,	79,	127,	94,	111,	71
Western Africa	649,	473,	374,	345,	623,	387
Eastern Africa; with African Ports on Red Sea, Aden, Arabia, Persia, Bourbon, and Kooria Moorla Islands	19,	56,	13,	249,	26,	42
Indian Seas, Siam, Java, Sumatra, Philip-pines; other Islands	643,	896,	977,	1,459,	662,	1,308,
South Sea Islands	—	3,	—	33,	—	18,
China, including Hong Kong	5,526,	2,858,	5,071,	1,979,	3,943,	1,499,
United States of America	25,631,	9,486,	17,310,	11,784,	19,614,	5,940,
Mexico and Central America	245,	284,	206,	369,	119,	447,
Foreign West Indies and Hayti	1,426,	806,	1,179,	1,086,	1,524,	1,023,
Southern America, (Northern,) New Granada, Venezuela, and Ecuador	297,	482,	306,	524,	202,	364,
„ (Pacific,) Peru, Bolivia, Chili, and Patagonia	2,435,	1,339,	1,798,	904,	3,398,	1,177,
„ (Atlantic) Brazil, Uruguay, and Buenos Ayres	2,022,	3,164,	1,835,	2,776,	2,103,	2,506,
Whale Fisheries; Grnld., Davis's Straits, Southn. Whale Fishery, Falkland Islands....	24,	—	30,	15,	53,	—
<i>Total.—Foreign Countries</i>	76,024,	43,233,	61,770,	43,081,	58,013,	35,834,
II.—BRITISH POSSESSIONS:						
British India, Ceylon, and Singapore	7,382,	9,377,	5,862,	10,442,	5,705,	8,726,
Austral. Cols.—New South Wales and Victoria	2,411,	4,116,	2,056,	4,065,	1,609,	3,714,
„ „ So. Aus., W. Aus., Tasm., and N. Zea.	1,029,	913,	757,	893,	520,	1,125,
British North America	697,	1,522,	717,	1,752,	631,	1,447,
„ W. Indies with Btsh. Guiana & Honduras	2,758,	1,149,	2,340,	1,093,	2,848,	1,149,
Cape and Natal	766,	953,	603,	890,	546,	821,
Brt. W. Co. of Af., Ascension and St. Helena	66,	166,	95,	172,	75,	114,
Mauritius	1,087,	252,	1,130,	299,	845,	303,
Channel Islands	242,	338,	212,	316,	180,	235,
<i>Total.—British Possessions</i>	16,438,	18,786,	13,772,	19,922,	12,959,	17,633,
General Total£	92,462,	62,019,	75,542,	63,003,	70,972,	53,467,

IMPORTS.—(United Kingdom.)—First Eight Months (*January—August*), 1860-59-8-7-6.—*Computed Real Value (ex-duty), at Port of Entry (and therefore including Freight and Importer's Profit) of Articles of Foreign and Colonial Merchandize Imported into United Kingdom.*

(First Eight Months.) (000's omitted.) FOREIGN ARTICLES IMPORTED.		1860.	1859.	1858.	1857.	1856.
		£	£	£	£	£
RAW MATLS.— <i>Textile.</i>	Cotton Wool	28,941,	24,039,	22,291,	22,564,	20,628,
	Wool (Sheep's) ..	7,797,	6,981,	5,600,	6,653,	5,796,
	Silk	6,243,	6,965,	3,564,	9,486,	4,501,
	Flax	2,256,	2,145,	1,465,	2,065,	1,568,
	Hemp	835,	1,372,	876,	821,	891,
	Indigo	1,893,	1,602,	1,380,	1,558,	2,004,
		47,965,	43,104,	35,176,	43,147,	35,388,
" " <i>Various.</i>	Hides	2,085,	1,884,	1,272,	2,649,	4,605,
	Oils	2,259,	1,917,	1,961,	2,194,	2,088,
	Metals	2,460,	2,215,	2,139,	2,347,	2,026,
	Tallow	1,586,	1,150,	1,087,	1,390,	1,192,
	Timber	4,513,	3,826,	2,523,	3,691,	3,151,
		12,903,	10,992,	8,982,	12,271,	13,062,
" " <i>Agricltl.</i>	Guano	923,	1,545,	2,976,	1,268,	1,661,
	Seeds	1,850,	615,	1,027,	1,238,	1,601,
		2,773,	2,160,	4,003,	2,506,	3,262,
TROPICAL, &C., PRODUCE.	Tea	5,081,	3,741,	3,301,	3,346,	3,279,
	Coffee	1,428,	1,078,	1,221,	946,	943,
	Sugar & Molasses	9,005,	8,189,	8,326,	11,366,	7,900,
	Tobacco	463,	420,	696,	927,	596,
	Rice	473,	284,	1,108,	957,	1,151,
	Fruits	320,	167,	184,	382,	96,
	Wine	3,096,	1,582,	1,391,	2,642,	2,005,
	Spirits	1,420,	1,279,	754,	2,107,	1,247,
		21,286,	16,740,	16,981,	22,673,	17,217,
FOOD	Grain and Meal.	15,819,	12,118,	14,066,	11,667,	13,772,
	Provisions	3,693,	2,044,	2,184,	2,964,	3,097,
		19,512,	14,162,	16,250,	14,631,	16,869,
Remainder of Enumerated Articles		2,455,	2,134,	1,810,	2,655,	2,171,
TOTAL ENUMERATED IMPORTS....		106,894,	89,292,	83,202,	97,883,	84,969,
Add for UNENUMERATED IMPORTS (say)		26,723,	22,323,	20,800,	24,471,	21,242,
TOTAL IMPORTS		133,617,	111,615,	104,002,	122,354,	106,211,

EXPORTS. — (United Kingdom.) — First Nine Months (*January—September*),
1860-59-8-7-6.—*Declared Real Value at Port of Shipment of Articles of BRITISH
and IRISH Produce and Manufactures Exported from United Kingdom.*

(First Nine Months.) BRITISH PRODUCE, &c., EXPORTED.		1860.	1859.	1858.	1857.	1856.
(Unit 000's omitted.)		£	£	£	£	£
MANFRS.— <i>Textile.</i>	Cotton Manufactures..	30,947,	28,957,	24,212,	23,434,	21,689,
	„ Yarn	7,378,	6,889,	7,009,	6,682,	5,896,
	Woollen Manufactures	9,463,	9,251,	7,278,	8,824,	7,331,
	„ Yarn	2,893,	2,088,	2,097,	2,361,	2,052,
	Silk Manufactures	1,607,	1,627,	1,362,	2,243,	1,957,
	„ Yarn	205,	157,	140,	301,	223,
	Linen Manufactures...	3,466,	3,456,	3,000,	3,640,	3,530,
	„ Yarn	3,169,	1,176,	1,261,	1,259,	943,
		57,328,	53,601,	46,359,	48,744,	43,621,
„ Sewed.	Apparel	1,528,	1,540,	1,359,	1,583,	1,254,
	Haberdy. and Millnry	3,113,	3,332,	2,620,	3,261,	2,777,
		4,641,	4,872,	3,979,	4,844,	4,031,
METALS	Hardware	2,768,	2,835,	2,372,	3,050,	2,664,
	Machinery	2,644,	2,739,	2,723,	2,911,	1,901,
	Iron	9,229,	9,813,	8,817,	10,760,	9,866,
	Copper and Brass.....	2,283,	1,927,	2,063,	2,333,	1,922,
	Lead and Tin	2,006,	2,045,	1,710,	2,133,	1,759,
	Coals and Culm	2,534,	2,582,	2,437,	2,449,	2,179,
		21,465,	21,941,	20,122,	23,636,	20,291,
Ceramic Manufcts.	Earthenware and Glass	1,595,	1,438,	1,303,	1,663,	1,401,
Indigenous Mnfrs.	Beer and Ale	1,571,	1,637,	1,447,	1,237,	1,120,
	Butter	465,	512,	382,	441,	502,
	Cheese	82,	94,	62,	88,	100,
	Candles	184,	136,	126,	224,	230,
	Salt	277,	200,	240,	284,	294,
	Spirits	230,	197,	158,	654,	702,
	Soda	753,	784,	587,	589,	436,
		3,562,	3,560,	3,002,	3,517,	3,384,
Various Manufcts.	Books, Printed.....	364,	343,	284,	323,	300,
	Furniture	166,	171,	194,	214,	138,
	Leather Manufactures	1,626,	1,441,	1,505,	1,769,	1,189,
	Soap	193,	158,	160,	186,	214,
	Plate and Watches ...	396,	359,	333,	385,	327,
	Stationery.....	572,	630,	581,	553,	520,
		3,317,	3,102,	3,057,	3,430,	2,688,
Remainder of Enumerated Articles		2,951,	2,560,	2,575,	3,027,	3,254,
Unenumerated Articles		6,865,	6,963,	5,913,	6,875,	6,236,
TOTAL EXPORTS		101,724,	98,037,	86,310,	95,736,	84,906,

SHIPPING.—FOREIGN TRADE.—(United Kingdom.)—First Nine Months (*Jan. —Sept.*) 1860-59-8-7.—*Vessels Entered and Cleared with Cargoes, including repeated Voyages, but excluding Government Transports.*

(First Nine Months.) ENTERED:—	1860.			1859.		1858.		1857.	
	Vessels.	Tonnage (000's omitted.)	Average Tonnage.	Vessels.	Tonnage (000's omitted.)	Vessels.	Tonnage (000's omitted.)	Vessels.	Tonnage (000's omitted.)
<i>Vessels belonging to—</i>	No.	Tons.	Tons.	No.	Tons.	No.	Tons.	No.	Tons.
Russia	305	88,	283	269	77,	143	41,	108	24,
Sweden	815	126,	154	693	114,	546	87,	402	67,
Norway	1,978	430,	217	1,969	433,	1,646	351,	1,573	328,
Denmark	2,200	213,	96	1,949	192,	1,724	172,	1,980	189,
Prussia and Ger. Sts.	2,861	598,	209	2,692	589,	2,303	517,	2,705	502,
Holland and Belgium	1,231	170,	138	1,241	173,	969	148,	1,108	185,
France	1,377	115,	83	1,929	156,	2,030	173,	753	58,
Spain and Portugal	299	80,	267	311	72,	777	198,	507	125,
Italy & other Eupn. Sts.	732	206,	280	467	131,	97	25,	17	3,
United States	1,020	991,	971	871	849,	1,042	967,	940	914,
All other States	12	3,	258	16	5,	15	6,	21	9,
	12,830	3,020,	235	12,407	2,791,	11,292	2,685,	10,114	2,404,
United Kingdom. & } Depds.	14,596	4,206,	288	14,665	3,974,	13,944	3,756,	13,652	3,937,
<i>Totals Entered</i>	27,426	7,226,	263	27,072	6,765,	25,236	6,441,	23,766	6,341,
 CLEARED:—									
Russia	284	83,	331	282	80,	161	49,	137	32,
Sweden	828	129,	155	698	117,	639	112,	544	103,
Norway	1,256	228,	181	1,431	277,	1,070	204,	1,342	260,
Denmark	2,613	251,	98	2,201	218,	2,215	221,	2,429	241,
Prussia and Ger. Sts.	3,651	666,	181	3,757	691,	3,768	657,	3,529	591,
Holland and Belgium	1,493	237,	159	1,525	229,	1,613	262,	1,619	297,
France	2,858	303,	106	2,864	307,	3,369	355,	3,357	358,
Spain and Portugal	271	72,	265	277	67,	956	257,	828	229,
Italy & other Eupn. Sts.	806	232,	288	636	184,	120	32,	12	4,
United States	1,150	1,091,	950	903	859,	1,065	1,002,	1,011	973,
All other States	12	4,	333	16	5,	12	4,	14	5,
	15,222	3,296,	216	14,590	3,034,	14,988	3,155,	14,822	3,103,
United Kingdom. & } Depds.	18,732	4,960,	264	18,981	4,895,	18,615	4,625,	19,714	4,867,
<i>Totals Cleared</i>	33,954	8,256,	243	33,571	7,929,	33,603	7,780,	34,536	7,960,

GOLD AND SILVER BULLION AND SPECIE. — IMPORTED AND EXPORTED. — (United Kingdom.) — *Computed Real Value for the First Nine Months (January—September), 1860-59-8.*

(Unit 000's omitted.)

(First Nine Months.)	1860.		1859.		1858.	
	Gold.	Silver.	Gold.	Silver.	Gold.	Silver.
Imported from:—	£	£	£	£	£	£
Australia	4,639,	1,	6,445,	1,	6,277,	1,
So. Amca. and W. } Indies	919,	3,783,	1,477,	2,423,	3,102,	2,260,
United States and } Cal.	3,791,	796,	6,465,	1,222,	3,761,	141,
	9,349,	4,580,	14,387,	3,646,	13,140,	2,402,
France	92,	1,864,	879,	5,498,	609,	1,290,
Hanse Towns, Holl. } & Belg.	22,	922,	365,	2,525,	2,238,	464,
Prtgl., Spain, and } Gbrltr.	14,	217,	81,	186,	169,	421,
Mlta., Trky., and } Egypt	31,	18,	317,	13,	968,	13,
China	—	—	—	—	35,	86,
West Coast of Africa	72,	4,	71,	4,	82,	8,
All other Countries....	210,	20,	2,147,	25,	48,	36,
Totals Imported	9,790,	7,625,	18,247,	11,897,	17,289,	4,720,
Exported to:—						
France	5,805,	433,	12,215,	307,	7,637,	300,
Hanse Towns, Holl. } & Belg.	125,	469,	901,	928,	217,	1,140,
Prtgl., Spain, and } Gbrltr.	896,	1,	423,	—	95,	—
	6,826,	903,	13,539,	1,235,	7,949,	1,440,
Ind. and China (viâ } Egypt)	1,076,	6,767,	234,	12,802,	113,	3,494,
Danish West Indies....	6,	22,	137,	6,	9,	73,
United States	7,	2,	10,	4,	135,	—
South Africa	2,	—	2,	5,	64,	3,
Mauritius	—	—	—	1,	107,	26,
Brazil	342,	120,	69,	89,	236,	97,
All other Countries....	196,	34,	505,	31,	15,	31,
Totals Exported	8,455,	7,849,	14,496,	14,173,	8,628,	5,164,
Excess of Imports	1,335,	—	3,751,	—	8,661,	—
„ Exports	—	224,	—	2,276,	—	444,

REVENUE.—(UNITED KINGDOM.)—30TH SEPT., 1860-59-8-7.

Net Produce in YEARS and QUARTERS ended 30TH SEPT., 1860-59-8-7.

[Unit 000's omitted.]

QUARTERS, ended 30th Sept.	1860.	1859.	1860.		Corresponding Quarters.	
			Less.	More.	1858.	1857.
	£ Mins.	£ Mins.	£ Mins.	£ Mins.	£ Mins.	£ Mins.
Customs	5,888,	6,576,	689,	—	6,115,	5,481,
Excise	5,089,	5,549,	460,	—	5,085,	5,298,
Stamps	2,053,	1,937,	—	116,	1,831,	1,752,
Taxes	166,	146,	—	20,	141,	159,
Post Office	800,	780,	—	20,	745,	730,
Property Tax	13,996,	14,988,	1,149,	156,	13,917,	13,420,
	2,281,	1,874,	—	407,	2,454,	4,932,
Crown Lands	16,277,	16,862,	1,149,	563,	16,371,	18,352,
	65,	62,	—	3,	61,	61,
Miscellaneous	316,	340,	24,	—	532,	269,
<i>Totals</i>	16,658,	17,264,	1,173,	566,	16,964,	18,682,
			Net Increase £606,610			

YEARS, ended 30th Sept.	1860.	1859.	1860.		Corresponding Years.	
			Less.	More.	1858.	1857.
	£ Mins.	£ Mins.	£ Mins.	£ Mins.	£ Mins.	£ Mins.
Customs	23,396,	24,809,	1,412,	—	23,473,	23,106,
Excise	20,070,	18,685,	—	1,385,	17,731,	17,516,
Stamps	8,267,	7,988,	—	279,	7,728,	7,346,
Taxes	3,257,	3,190,	—	67,	3,136,	3,099,
Post Office	3,370,	3,255,	—	115,	3,025,	2,930,
Property Tax	58,360,	57,927,	1,412,	1,846,	55,093,	53,997,
	10,310,	5,686,	—	4,624,	7,853,	15,753,
Crown Lands	68,670,	63,613,	1,412,	6,470,	62,946,	69,750,
	290,	282,	—	8,	277,	278,
Miscellaneous	1,849,	2,096,	246,	—	1,939,	1,147,
<i>Totals</i>	70,809,	65,991,	1,658,	6,478,	65,161,	71,175,
			Net Increase £4,819,680			

REVENUE (UNITED KINGDOM).—QUARTER ENDED 30TH SEPT., 1860 :—
APPLICATION.

An Account showing the REVENUE and other RECEIPTS of the QUARTER ended 30th Sept., 1860 ; the APPLICATION of the same, and the Charge of the Consolidated Fund for the said Quarter, together with the Surplus or Deficiency upon such Charge.

Received:—

Surplus Balance beyond the Charge of the <i>Consolidated Fund</i> for the Quarter ended 30th June, 1860, viz.:—	£
Great Britain	—
Ireland	£639,611
	639,611
Income received in the Quarter ended 30th September, 1860, as shown on preceding page	16,658,166
Amount received in the Quarter ended 30th September, 1860, in repayment of Advances for Public Works, &c.	352,524
	£17,650,301
Balance, being the deficiency on 30th September, 1860, upon the charge of the Consolidated Fund in Great Britain, to meet the Dividends, and other charges, payable in the Quarter to 31st December, 1860, and for which Exchequer-bills (Deficiency) will be issued in that Quarter	3,072,016
	<u>£20,722,317</u>

Paid:—

Net Amount applied out of the Income for the Quarter ended 30th September, 1860, in redemption of Exchequer-bills (Deficiency), for the Quarter ended 30th June, 1860, viz.:—	£
Total Deficiency	£1,589,566
Deduct, Redeemed by Sinking Fund.....	396,000
	1,193,566
Amount applied out of the Income to <i>Supply Services</i> in the Quarter ended 30th September, 1860	12,042,378
Charge of the <i>Consolidated Fund</i> for the Quarter ended 30th September, 1860, viz.:—	
Interest of the Permanent Debt	£5,572,017
Terminable Debt	625,111
The Civil List	100,759
Other Charges on Consolidated Fund	439,113
Advances for Public Works, &c.	265,431
Sinking Fund	228,042
	7,280,473
<i>Surplus Balance</i> in Ireland beyond the Charge of the Consolidated Fund in Ireland for the Quarter ended 30th September, 1860, viz.:	205,900
	<u>£20,722,317</u>

CORN.—*Gazette Average Prices (ENGLAND AND WALES) Third Quarter of 1860.*

[This Table is communicated by H. F. JADIS, ESQ., Comptroller of Corn Returns.]

Weeks ended on a Saturday, 1860.		Weekly Average. (Per Impl. Quarter.)					
		Wheat.	Barley.	Oats.	Rye.	Beans.	Peas.
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
July	7	57 9	34 —	26 5	41 3	46 6	41 4
"	14	57 7	33 5	25 8	41 3	46 6	43 7
"	21	56 6	32 5	26 4	40 8	46 7	39 4
"	28	57 —	33 1	26 4	37 5	45 1	41 1
Average for July		57 2	33 2	26 2	40 1	46 2	41 4
August	4	58 7	33 —	26 6	45 6	46 9	41 3
"	11	59 6	34 —	26 1	44 9	46 5	41 —
"	18	59 6	32 10	28 2	41 9	47 1	44 —
"	25	60 1	34 9	27 1	40 4	47 7	43 9
Average for August		59 5	33 7	26 11	43 1	46 11	42 6
Sept.	1	60 11	33 3	28 2	40 7	47 10	44 5
"	8	62 10	35 2	27 2	39 4	49 3	41 4
"	15	62 11	37 10	27 —	42 4	50 1	38 7
"	22	58 3	38 5	25 9	40 7	49 6	37 11
"	29	56 11	39 3	25 3	37 10	49 6	39 1
Average for September		60 4	36 9	26 8	40 1	49 2	40 3
Average for the Quarter		59 1	34 8	26 7	41 —	47 7	41 3

RAILWAYS.—PRICES, July—September,—and TRAFFIC July—September, 1860.

Total Capital Ex- pended Mlns.	Railway.	For the (£100). Price on			Miles Open.		Total Traffic first 39 Weeks. unit 000's omitted.		Traffic pr. Mile pr. Wk. 39 Weeks.		Dividends per Cent. for Half Years.		
		1 Sp.	1 Au.	2 Jy.	'60.	'59.	'60.	'59.	'60.	'59.	30 Jn. '60.	30 Dec. '59.	30 Jn. '59.
		£			No.	No.	£	£	£	£	s. d.	s. d.	s. d.
40,7	Lond. & N. Westn.	100½	102½	101½	950	936	3,146,	2,917,	84	79	50 —	52 6	42 6
23,3	Great Western	70½	72	69½	470	466	1,286,	1,223,	70	67	30 —	35 —	20 —
12,1	Great Northern	115	116½	115	283	283	988,	926,	89	84	45 —	70 —	33 9
16,6	Eastern Counties.	54	56	56½	499	499	1,094,	973,	56	50	21 3	30 9	19 1
9,4	Brighton	110½	112½	111½	224	206	657,	626,	75	77	50 —	70 —	50 —
13,5	South-Eastern	87½	86½	85½	306	302	872,	825,	73	70	46 8	60 —	40 —
10,8	South-Western	92	92½	94½	388	339	727,	668,	48	50	42 6	52 6	42 6
126,4		90	91½	90½	3,120	3,031	8,769,	8,158,	72	68	40 9	53 11	35 5
20,9	Midland	125	124½	118	614	614	1,529,	1,368,	64	57	65 —	60 —	42 6
18,6	Lancsh. and York.	109½	107½	105	395	395	1,464,	1,304,	95	85	55 —	50 —	45 —
9,0	Sheffield and Man.	43½	43	40½	173	173	446,	407,	66	60	10 —	10 —	4 —
23,0	North-Eastern	97½	96½	96½	764	764	1,479,	1,383,	49	46	52 6	41 8	30 10
4,5	South Wales	68	68½	68	171	171	282,	264,	42	39	20 —	27 6	22 6
76,0		88½	88	85½	2,117	2,117	5,200,	4,726,	63	57	40 6	37 10	28 11
8,7	Caledonian	92½	95½	93½	219	219	404,	399,	47	46	45 —	50 —	37 6
5,1	Gt. S. & Wn. Irlnd.	113	116	114½	329	249	313,	273,	24	28	50 —	50 —	50 —
216,2	Gen. aver.	91½	92	90½	5,785	5,616	14,686,	13,556,	65	62	41 7½	47 2	34 3

Consols.—Money Prices 1st September, 93½ to ¼, —1st August, 93½ to ½, —2nd July, 93½ to ¼.
 Exchequer Bills. " 3s. pm., " 5s. pm., " 2s. pm.,

BANK OF FRANCE.—*Abstract of Official Returns.*—25 francs = £.I.—LIABILITIES (*Passif*).

1 DATES.	2 3 4 Billets to Bearer. (Circulation.)			5 6 7 Billets to Order. (Bank Post Bills.)			8 9 10 11 Current Accounts. (Deposits.)				12 Other Liabili- ties.	13 Total. Liabili- ties.
											ties.	ties.
	Paris.	Branch.	Total.	Paris.	Récép- tissés.	Total.	Trea- sury.	Paris.	Branch.	Total.		
1860.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.
Aug. 9	£	£	£	£	£	£	£	£	£	£	£	£
Sept. 13	—	—	30'40	·33	·44	·77	5·29	8·88	1·40	15'57	8·91	55·65
Oct. 11	—	—	29'90	·30	·43	·73	5·38	8·15	1·53	15'06	8·89	54·58
	—	—	29'94	·31	·47	·78	4·75	7·19	1·33	13'27	9·18	53·17

II.—ASSETS (*Actif*).

14 DATES.	15 16 17 Coin and Bullion.			18 19 20 Portfolio. (Discounts.)			21 Ad- vances on Ingots.	22 Advances on Public Stocks.	23 Advances on Shares.	24 Other Assets.	25 Total Assets.
							Total.	Total.	Total.	Assets.	Assets.
	Paris.	Branch.	Total.	Paris.	Branch.	Total.					
1860.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.	Mins.
Aug. 9	£	£	£	£	£	£	£	£	£	£	£
Sept. 13	6·52	15·45	21'97	9·11	10·99	20'10	·18	1'66	2'10	8·64	55·65
Oct. 11	5·98	15·26	21'24	8·65	10·99	19'64	·19	1'66	3'13	8·72	54·58
	4·69	13·71	18'40	9·53	11·28	20'81	·31	1'68	3'20	8·77	53·17

BANKS in BOSTON, NEW YORK, PHILADELPHIA and NEW ORLEANS, 1860.

Monthly Averages deduced from Weekly Official Returns. \$5 = £.

1860. Averages of Months of	Boston.				New York.				Rates of Discount in <i>New York</i> on Prime endorsed, 60 d. Bills.
	Liabilities.		Assets.		Liabilities.		Assets.		
	Circl.	Deps.	Loans.	Specie.	Circl.	Deps.	Loans.	Specie.	
	Mins. £	Mins. £	Mins. £	Mins. £	Mins. £	Mins. £	Mins. £	Mins. £	
June	1·41	4·12	12·53	1·25	1·76	20·67	25·15	4·73	5 @ 6
July	1·47	4·05	12·94	1·13	1·75	21·15	25·59	4·64	4½ „ 5
Aug.	1·40	3·82	12·92	1·02	1·83	21·12	26·02	4·24	5 „ 6½

1860.	Philadelphia.				New Orleans.			
June	·55	3·13	5·39	·86	2·29	3·27	3·47	2·16
July	·57	3·18	5·37	·87	2·50	2·89	3·41	1·94
Aug.	·57	3·18	5·38	·95	1·90	2·82	4·00	1·97

1860.]

Quarterly Returns.—July, Aug., Sept., 1860.

577

BANK OF ENGLAND.—WEEKLY RETURN.

Pursuant to the Act 7th and 8th Victoria, c. 32 (1844), for Wednesday in each Week, during the THIRD QUARTER (July—September) of 1860.

ISSUE DEPARTMENT.					COLLATERAL COLUMNS.	
1	2	3	4	5	6	7
Liabilities.	DATES.	Assets.			Notes in Hands of Public. (Col. 1 minus col. 16.)	Minimum Rates of Discount at Bank of England.
		Government Debt.	Other Securities.	Gold Coin and Bullion.		
Notes Issued.	(Wednesdays.)					
Mlns. £	1860.	Mlns. £	Mlns. £	Mlns. £	Mlns. £	1860. Pr. ct. p. an
30,23	July 4 ...	11,02	3,46	15,75	21,97	24 May, 4.
29,94	„ 11 ...	11,02	3,46	15,46	21,91	
29,71	„ 18 ...	11,02	3,46	15,24	22,17	
29,61	„ 25 ...	11,02	3,46	15,13	22,11	
29,50	Aug. 1 ...	11,02	3,46	15,02	22,07	
29,31	„ 8 ...	11,02	3,46	14,83	21,71	
29,28	„ 15 ...	11,02	3,46	14,81	21,57	
29,42	„ 22 ...	11,02	3,46	14,95	21,36	
29,59	„ 29 ...	11,02	3,46	15,11	21,14	
29,91	Sept. 5 ...	11,02	3,46	15,44	21,43	
29,96	„ 12 ...	11,02	3,46	15,47	20,81	
30,07	„ 19 ...	11,02	3,46	15,60	20,86	
29,96	„ 26 ...	11,02	3,46	15,48	20,83	

BANKING DEPARTMENT.

8	9	10	11	12	13	14	15	16	17	18	
Liabilities.					DATES.	Assets.					Totals of Liabilities and Assets.
Capital and Rest.		Deposits.				Securities.		Reserve.			
Capital.	Rest.	Public.	Private.	Seven Day and other Bills.		(Wdmsdys.)	Government.	Other.	Notes.	Gold and Silver Coin.	
Mlns. £	Mlns. £	Mlns. £	Mlns. £	Mlns. £	1860.	Mlns. £	Mlns. £	Mlns. £	Mlns. £	Mlns. £	
14,55	3,30	8,21	13,75	,69	July 4	9,82	21,67	8,26	,74	40,50	
14,55	3,34	4,12	15,39	,74	„ 11	9,71	19,62	8,03	,77	38,14	
14,55	3,38	3,49	15,27	,76	„ 18	9,72	19,42	7,54	,77	37,45	
14,55	3,39	3,96	14,83	,71	„ 25	9,77	19,41	7,50	,78	37,45	
14,55	3,42	4,23	14,72	,71	Aug. 1	9,76	19,71	7,43	,74	37,64	
14,55	3,51	4,32	14,00	,71	„ 8	9,80	19,48	7,60	,78	37,61	
14,55	3,52	5,96	12,79	,77	„ 15	9,80	19,34	7,71	,74	37,59	
14,55	3,53	5,60	12,85	,72	„ 22	9,64	19,82	8,06	,73	38,26	
14,55	3,48	5,95	14,17	,74	„ 29	9,64	20,00	8,45	,80	38,89	
14,55	3,78	6,50	13,43	,72	Sept. 5	9,66	20,10	8,48	,73	38,98	
14,55	3,78	6,84	13,46	,74	„ 12	9,66	19,81	9,15	,76	39,38	
14,55	3,78	9,96	13,18	,75	„ 19	9,66	19,57	9,21	,78	39,23	
14,55	3,79	7,09	12,97	,72	„ 26	9,66	19,56	9,13	,77	39,13	

CIRCULATION.—COUNTRY BANKS.

Average amount of Promissory Notes in Circulation in ENGLAND and WALES, on Saturday, in each Week during the THIRD QUARTER (July—September) of 1860; and in SCOTLAND and IRELAND, at the Three Dates, as under.

ENGLAND AND WALES.				SCOTLAND.				IRELAND.			
DATES.	Private Banks. (Fixed Issues, 440)	Joint Stock Banks. (Fixed Issues, 330.)	TOTAL. (Fixed Issues, 770.)	Four Weeks, ended	£5 and upwards.	Under £5.	TOTAL. (Fixed Issues, 275.)	£5 and upwards.	Under £5.	TOTAL. (Fixed Issues, 635.)	
1860.	Mins. £	Mins. £	Mins. £	1860.	Mins. £	Mins. £	Mins. £	Mins. £	Mins. £	Mins. £	
July 7	3,51	3,01	6,52	July 28	1,47	2,59	4,06	3,45	2,95	6,30	
„ 14	3,49	3,03	6,52								
„ 21	3,46	2,99	6,45								
„ 28	3,40	2,94	6,34								
Aug. 4	3,38	2,92	6,30	Aug. 25	1,53	2,58	4,11	3,27	2,91	6,18	
„ 11	3,36	2,93	6,29								
„ 18	3,34	2,93	6,27								
„ 25	3,32	2,92	6,24								
Sept. 1	3,31	2,93	6,24	Sept. 22	1,47	2,63	4,10	3,25	2,91	6,16	
„ 8	3,29	2,92	6,21								
„ 15	3,29	2,92	6,21								
„ 22	3,33	2,96	6,29								

FOREIGN EXCHANGES.—*Quotations as under, London on Paris, Hamburg & Calcutta, —and New York, Calcutta, Hong Kong & Sydney, on LONDON—with collateral cols.*

1	2	3	4	5	6	7	8	9	10	11	12	13	14
DATES.	Paris.			Prem. or Dis. on Gold per mille.	Hamburg.			New York.	Calcutta.		Hong Kong.	Syd- ney.	Stand- ard Silver in bars in Lon- don.
	London on Paris.	Bullion as arbitrated.			London on Hambg.	Bullion as arbitrated.			India House.	At Calcutta on London.			
		Agnst. Engd.	For Engd.			Agnst. Engd.	For Engd.						
3 m. d.			3 m. d.			60 d. s.	60 d. s.	6 m. s.	6 m. s.	30 d. s.	pr. oz.		
1860.		pr. ct.	pr. ct.			pr. ct.	pr. ct.	pr. ct.	d.	d.	d.	pr. ct.	d.
July 7 ..	25.40	0.2	—	par	13.5½	0.1	—	109¾	26	24½	57	1 p.	61½
„ 21 ..	37½	„	—	„	5¾	„	—	109⅞	„	„	„	„	61½
Aug. 4 ..	37	„	—	„	6	„	—	109	„	„	„	„	„
„ 18 ..	40	„	—	„	6½	„	—	109⅞	„	„	„	„	„
							—						
							—						
Sept. 8 ..	40	0.1	—	„	6½	„	—	„	„	„	„	„	61½
„ 22 ..	40	„	—	„	1½	0.3	—	110½	„	„	„	„	„